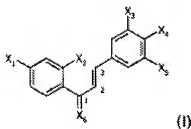


**AMENDMENTS TO THE CLAIMS:**

Please amend the claims as follows:

Claims 1-69. (Canceled)

70. (Currently Amended) A compound of formula (I)



in which:

X<sub>1</sub> is a halogen, R<sub>1</sub> or -G1-R<sub>1</sub>,

X<sub>2</sub> is hydrogen, ~~thionitroso~~, hydroxy, ~~alkylcarbonyloxy, or and~~ unsubstituted alkyloxy, ~~thiol~~, alkylthio, ~~alkylcarbonylthio~~,

X<sub>3</sub> is -R<sub>3</sub> or -G3-R<sub>3</sub>,

X<sub>4</sub> is a ~~halogen, thionitroso~~, -R<sub>4</sub> or -G4-R<sub>4</sub>,

X<sub>5</sub> is -R<sub>5</sub> or -G5-R<sub>5</sub>,

X<sub>6</sub> is oxygen,

R<sub>1</sub>, R<sub>3</sub>[, R<sub>4</sub>], and R<sub>5</sub>, which are the same or different, are ~~hydrogen or an~~ unsubstituted alkyl having from one to seven carbon atom~~optionally substituted by a~~ group 1 or a group 2 substituent,

R<sub>4</sub> is R<sub>1</sub> is hydrogen, or an alkyl having from one to seven carbon atom~~optionally substituted by a group~~ [[2]]1 substituent,

G1, G3, G4, and G5, which are the same or different, are oxygen or sulphur wherein at least one of  $X_1$ ,  $X_3$ ,  $X_4$  and  $X_5$  is  $G1R1$ ,  $G3R3$ ,  $G4R4$  and  $G5R5$ , respectively, and wherein none of  $X_3$ ,  $X_4$  and  $X_5$  is hydrogen, and wherein at least one of  $R1$ ,  $R3$ ,  $R4$  or  $R5$  is an alkyl group containing at least one group 1 or group 2 substituent, said alkyl group being bound directly to the ring attached to said  $X_1$ ,  $X_3$ ,  $X_4$  or  $X_5$ , respectively, or being attached to  $G1$ ,  $G3$ ,  $G4$  or  $G5$ , respectively,

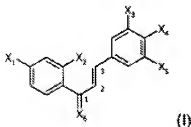
said group 1 substituent[[s]] being selected from the group consisting of -  
 $COOR_6$  and  $-CONR_6R_7$ ,

said group 2 substituents being selected from the group consisting of  $-SO_3H$   
 and  $-SO_2NR_6R_7$ ,

wherein  $R_6$  and  $R_7$ , which are the same or different, are hydrogen or an  
unsubstituted alkyl having from one to seven carbon atoms optionally substituted by at  
 least one group 1 or group 2 substituent, and

the optical and geometric isomers, racemates, tautomers, salts and mixtures thereof.

71. (Withdrawn) A compound of formula (I)



in which :

$X_1$  is  $-G1-R1$ , wherein  $G1$  is oxygen and  $R1$  is  $-C(CH_3)_2COOR_6$ ,

X<sub>2</sub> is hydrogen, thionitroso, hydroxy, alkylcarbonyloxy, unsubstituted alkyloxy, thiol, alkylthio, alkylcarbonylthio,

X<sub>3</sub> is -R<sub>3</sub> or -G<sub>3</sub>-R<sub>3</sub>,

X<sub>4</sub> is a halogen, thionitroso, -R<sub>4</sub>, or -G<sub>4</sub>-R<sub>4</sub>,

X<sub>5</sub> is -R<sub>5</sub> or -G<sub>5</sub>-R<sub>5</sub>,

X<sub>6</sub> is oxygen,

R<sub>3</sub>, R<sub>4</sub>, and R<sub>5</sub>, which are the same or different, are hydrogen, or alkyl optionally substituted by a group 1 or group 2 substituent ,

G<sub>3</sub>, G<sub>4</sub>, and G<sub>5</sub>, which are the same or different, are oxygen or sulfur,

wherein none of the groups X<sub>3</sub>, X<sub>4</sub> and X<sub>5</sub> is hydrogen, and at least one of the groups R<sub>1</sub>, R<sub>3</sub>, R<sub>4</sub> and R<sub>5</sub> is an alkyl substituted by at least one group 1 or group 2 substituent, said alkyl being bound directly to the ring bearing the X<sub>1</sub>, X<sub>3</sub>, X<sub>4</sub> or X<sub>5</sub>, respectively, or being bound to the G<sub>1</sub>, G<sub>3</sub>, G<sub>4</sub> or G<sub>5</sub>, respectively,

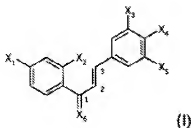
said group 1 substituents being selected from the group consisting of -COOR<sub>6</sub> and -CONR<sub>6</sub>R<sub>7</sub>,

said group 2 substituents being selected from the group consisting of -SO<sub>3</sub>H and -SO<sub>2</sub>NR<sub>6</sub>R<sub>7</sub>,

wherein R<sub>6</sub> and R<sub>7</sub>, which are the same or different, are hydrogen, or an alkyl optionally substituted with at least one group 1 or group 2 substituent, and

the optical and geometric isomers, racemates, tautomers, salts and mixtures thereof.

72. (Withdrawn) A compound of formula (I)



in which:

X<sub>1</sub> is -R<sub>1</sub>,

X<sub>2</sub> is hydrogen, thionitroso, hydroxy, alkylcarbonyloxy, unsubstituted alkyloxy, thiol, alkylthio, alkylcarbonylthio,

X<sub>3</sub> is -R<sub>3</sub> or -G<sub>3</sub>-R<sub>3</sub>,

X<sub>4</sub> is a halogen, thionitroso, -R<sub>4</sub> or -G<sub>4</sub>-R<sub>4</sub>,

X<sub>5</sub> is -R<sub>5</sub> or -G<sub>5</sub>-R<sub>5</sub>,

X<sub>6</sub> is oxygen,

R<sub>3</sub>, R<sub>4</sub>, and R<sub>5</sub>, which are the same or different, are hydrogen, or alkyl optionally substituted by a group 1 or group 2 substituent,

R<sub>1</sub> is hydrogen, or alkyl optionally substituted by at least one group 1 substituent,

G<sub>3</sub>, G<sub>4</sub>, and G<sub>5</sub>, which are the same or different, are oxygen or sulfur,

wherein at least one of X<sub>3</sub>, X<sub>4</sub> or X<sub>5</sub> are G<sub>3</sub>R<sub>3</sub>, G<sub>4</sub>R<sub>4</sub> or G<sub>5</sub>R<sub>5</sub>, respectively, none of the groups X<sub>3</sub>, X<sub>4</sub> and X<sub>5</sub> are hydrogen, and at least one of R<sub>1</sub>, R<sub>3</sub>, R<sub>4</sub> and R<sub>5</sub> is an alkyl group containing at least one group 1 or group 2 substituent, said alkyl being bound directly to the ring bound to said X<sub>3</sub>, X<sub>4</sub> or X<sub>5</sub>, respectively, or said alkyl is attached to G<sub>3</sub>, G<sub>4</sub> or G<sub>5</sub>, respectively,

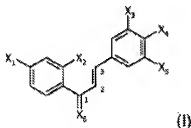
said group 1 substituents being selected from the group consisting of  $-\text{COOR}_6$  and  $-\text{CONR}_6\text{R}_7$ ,

said group 2 substituents being selected from the group consisting of  $-\text{SO}_3\text{H}$  and  $-\text{SO}_2\text{NR}_6\text{R}_7$ ,

wherein  $\text{R}_6$  and  $\text{R}_7$ , which are the same or different, are hydrogen, or alkyl optionally substituted by at least one group 1 or group 2 substituent, and

the optical and geometric isomers, racemates, tautomers, salts and mixtures thereof.

73. (Withdrawn) A compound of formula (I)



in which :

$\text{X}_1$  is  $-\text{G1R1}$ ,

$\text{X}_2$  is hydrogen, thionitroso, hydroxy, alkylcarbonyloxy, unsubstituted alkyloxy, thiol, alkylthio, alkylcarbonylthio,

$\text{X}_3$  is  $-\text{R3}$  or  $-\text{G3-R3}$ ,

$\text{X}_4$  is a halogen, thionitroso,  $-\text{R4}$  or  $-\text{G4-R4}$ ,

$\text{X}_5$  is  $-\text{R5}$  or  $-\text{G5-R5}$ ,

$\text{X}_6$  is oxygen,

R3, R4, and R5, which are the same or different, are hydrogen, or an alkyl optionally substituted by a group 1 or group 2 substituent,

R1 is hydrogen or a C<sub>4</sub> to C<sub>24</sub> alkyl group optionally substituted by at least one group 1 or group 2 substituent,

G1, G3, G4, and G5, which are the same or different, are oxygen or sulfur, wherein none of X<sub>3</sub>, X<sub>4</sub> and X<sub>5</sub> are hydrogen, and at least one of R1, R3, R4 or R5 is an alkyl substituted by at least one group 1 or group 2 substituent, said alkyl being bound directly to the ring attached to said X<sub>3</sub>, X<sub>4</sub> and X<sub>5</sub>, respectively, or said alkyl is attached to G3, G4 or G5, respectively,

said group 1 substituents being selected from the group consisting of -COOR<sub>6</sub> and -CONR<sub>6</sub>R<sub>7</sub>,

said group 2 substituents being selected from the group consisting of -SO<sub>3</sub>H and -SO<sub>2</sub>NR<sub>6</sub>R<sub>7</sub>, wherein R<sub>6</sub> and R<sub>7</sub>, which are the same or different, are hydrogen, or an alkyl optionally substituted by at least one group 1 or group 2 substituent, and the optical and geometric isomers, racemates, tautomers, salts and mixtures thereof.

Claim 74. (Canceled)

Claim 75. (Cancelled)

76. (Withdrawn) The compound of according to claim 70 or 73, wherein both G1 and G4 are sulfur.

77. (Currently Amended) The compound according to claim 70, 71, 72 or 73, wherein X<sub>2</sub> is hydrogen, ~~thionitroso~~, ~~hydroxy~~, ~~alkyloxy~~, ~~thiol~~, or ~~alkylthio~~.

Claim 78. (Cancelled)

Claim 79. (Cancelled)

80. (Previously Presented) The compound according to claim 70 or 73, wherein  $X_1$  is -G1-R1.

81. (Withdrawn) The compound according to claim 70, or 73, wherein  $X_1$  is - G1-R1 and G1 is oxygen.

Claim 82. (Canceled)

83. (Withdrawn) The compound according to claim 70, 71, 72 or 73, wherein  $X_3$  is -R3 or -G3-R3, and R3 is an alkyl substituted by a group 1 substituent.

84. (Withdrawn) The compound according to claim 70, 71, 72 or 73, wherein  $X_3$  is -R3 or -G3-R3, and R3 is an alkyl substituted by a group 2 substituent.

Claim 85. (Cancelled)

86. (Previously Presented) The compound according to claim 70, 71, 72 or 73, wherein  $X_4$  is -G4-R4 group.

87. (Previously Presented) The compound according to claim 70, 71, 72 or 73, wherein  $X_4$  is -G4-R4 and G4 is oxygen.

88. (Withdrawn) The compound according to claim 70, 71, 72 or 73, wherein  $X_4$  is -G4-R4, G4 is oxygen, and  $X_3$  is R3 or G3R3 or  $X_5$  is R5 or G5R5 wherein R3 and R5, which may be different, are an alkyl groups containing a group 1 substituent.

89. (Withdrawn) The compound according to claim 70, 71, 72 or 73, wherein  $X_4$  is -R4 or -G4-R4 wherein R4 is an alkyl group substituted by a group 2 substituent.

90. (Withdrawn) The compound according to claim 70 wherein  $X_1$  is a halogen.

Claim 91. (Cancelled)

92. (Currently Amended) The compound according to claim 70, 71, 72 or 73 wherein  $[[X_3,]] X_4$   $[[\text{or } X_5]]$  is  $\text{OC}(\text{CH}_3)_2\text{COOR}_6$ .

Claim 93. (Cancelled)

94. (Withdrawn) The compound according to claim 70, 71, 72 or 73, wherein  $X_3$ ,  $X_4$  or  $X_5$  represents  $\text{SC}(\text{CH}_3)_2\text{COOR}_6$ .

Claim 95. (Cancelled)

96. (Currently Amended) A compound selected in the group consisting of:

~~1-[2-hydroxy-4-carboxydimethylmethoxyphenyl]-3-[3,5-di-*tert*-butyl-4-hydroxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-ethoxycarbonyldimethylmethoxyphenyl]-3-[3,5-di-*tert*-butyl-4-hydroxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxyphenyl]-3-[3-carboxydimethylmethoxy-4-hydroxy-5-*tert*-butylphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxyphenyl]-3-[3-isopropylloxycarbonyldimethylmethoxy-4-hydroxy-5-*tert*-butylphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-chlorophenyl]-3-[3-carboxydimethylmethoxy-4-hydroxy-5-*tert*-butylphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-chlorophenyl]-3-[3-isopropylloxycarbonyldimethylmethoxy-4-hydroxy-5-*tert*-butylphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxyphenyl]-3-[3-carboxydimethylmethyl-4-hydroxy-5-*tert*-butylphenyl]prop-2-en-1-one,~~



1-[2-hydroxyphenyl]-3-[3-isopropoxycarbonyldimethylmethyl-4-hydroxy-5-  
~~tert~~butylphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3-carboxydimethylmethyl-4-hydroxy-5-  
~~tert~~butylphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3-isopropoxycarbonyldimethylmethyl-4-  
hydroxy-5-~~tert~~butylphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethoxy-4-  
carboxydimethylmethyloxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethoxy-4-  
isopropoxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3,5-dimethoxy-4-carboxydimethylmethyloxyphenyl]prop-2-  
en-1-one,

1-[2-hydroxyphenyl]-3-[3,5-dimethoxy-4-isopropoxycarbonyl  
dimethylmethyloxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-carboxydimethylmethyloxyphenyl]-3-[3,5-di-methoxy-4-  
hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-isopropoxycarbonyldimethylmethyloxyphenyl]-3-[3,5-dimethoxy-  
4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,4-dihydroxy-5-  
carboxydimethylmethyloxyphenyl] prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,4-dihydroxy-5-  
isopropoxycarbonyldimethylmethyloxyphenyl] prop-2-en-1-one,

1-[2-hydroxy-4-carboxydimethylmethyloxyphenyl]-3-[3,5-dimethyl-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-isopropylloxycarbonyldimethylmethyloxyphenyl]-3-[3,5-dimethyl-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethyl-4-isopropylloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3,5-dimethyl-4-isopropylloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[4-carboxydimethylmethylthiophenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[4-isopropylloxycarbonyldimethylmethylthiophenyl]prop-2-en-1-one,

1-[2-hydroxy-4-carboxydimethylmethyloxyphenyl]-3-[4-methylthiophenyl]prop-2-en-1-one,

1-[4-chlorophenyl]-3-[3,5-dimethyl-4-tertbutylloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,

1-[4-chlorophenyl]-3-[3,5-dimethyl-4-isopropylloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,

1-[4-chlorophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,

1-[4-chloro-2-hydroxyphenyl]-3-[4-carboxydimethylmethylthiophenyl]prop-2-en-1-one,

1-[4-carboxydimethylmethyloxyphenyl]-3-[3,5-dimethyl-4-hydroxyphenyl]prop-2-en-1-one,

1-[4-methylthiophenyl]-3-[4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,

1-[4-carboxydimethylmethylthiophenyl]-3-[4-methylthiophenyl]prop-2-en-1-one,

1-[2-hydroxy-4-bromophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,

1-[4-carboxydimethylmethyloxyphenyl]-3-[4-methylthiophenyl]prop-2-en-1-one,

1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-tertbutyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,

1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-

isopropylloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,

1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,

1-[2-methoxyphenyl]-3-[3,5-dimethyl-4-

tertbutyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,

1-[2-methoxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,

1-[4-hexyloxyphenyl]-3-[3,5-dimethyl-4-  
tertbutyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,  
1-[4-hexyloxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-  
en-1-one,  
1-[2-methyloxy-4-chlorophenyl]-3-[3,5-dimethyl-4-  
tertbutyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,  
1-[2-methyloxy-4-chlorophenyl]-3-[3,5-dimethyl-4-  
carboxydimethylmethyloxyphenyl]prop-2-en-1-one,  
1-[4-heptylphenyl]-3-[3,5-dimethyl-4-  
tertbutyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,  
1-[4-heptylphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-  
1-one,  
1-[4-bromophenyl]-3-[3,5-dimethyl-4-  
tertbutyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one, and  
1-[4-bromophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-  
1-one, and  
1-[2-hydroxy-4-isopropyloxycarbonyldimethylmethyloxyphenyl]-3-[3,5-ditertbutyl-  
4-hydroxyphenyl]prop-2-en-1-one.

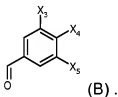
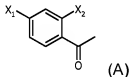
97. (Previously Presented) A compound selected in the group consisting of:

1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-  
2-en-1-one,

1-[4-hexyloxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one, and

1-[4-bromophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one.

98. (Withdrawn) A method for preparing a compound of claim 70, 71, 72 or 73, comprising contacting in basic or acidic medium at least one compound corresponding to formula (A) with at least one compound corresponding to formula (B):



99. (Previously Presented) A pharmaceutical composition comprising, in a pharmaceutically acceptable support, at least one compound of claim 70, 71, 72 or 73.

Claim 100. (Cancelled)

101. (Previously Presented) A pharmaceutical composition comprising, in a pharmaceutically acceptable support, at least one compound of claim 70, 71, 72 or 73, in a form for the treatment of a cerebral ischemia.

102. (Previously Presented) A pharmaceutical composition comprising, in a pharmaceutically acceptable support, at least one compound of claim 70, 71, 72 or 73, in a form for the treatment of a hemorrhagic stroke.

Claim 103. (Canceled)

104. (Withdrawn) A method of treatment of a cerebral ischemia comprising administering, to a subject in need of such treatment, at least one compound of claims 70, 71, 72 or 73.

105. (Withdrawn) A method of treatment of a hemorrhagic stroke comprising administering, to a subject in need of such treatment, at least one compound of claims 70, 71, 72 or 73.

106. (Withdrawn) A method for neuroprotection in cerebral ischemia comprising administering, to a subject in need of such neuroprotection, at least one compound of claims 70, 71, 72 or 73.